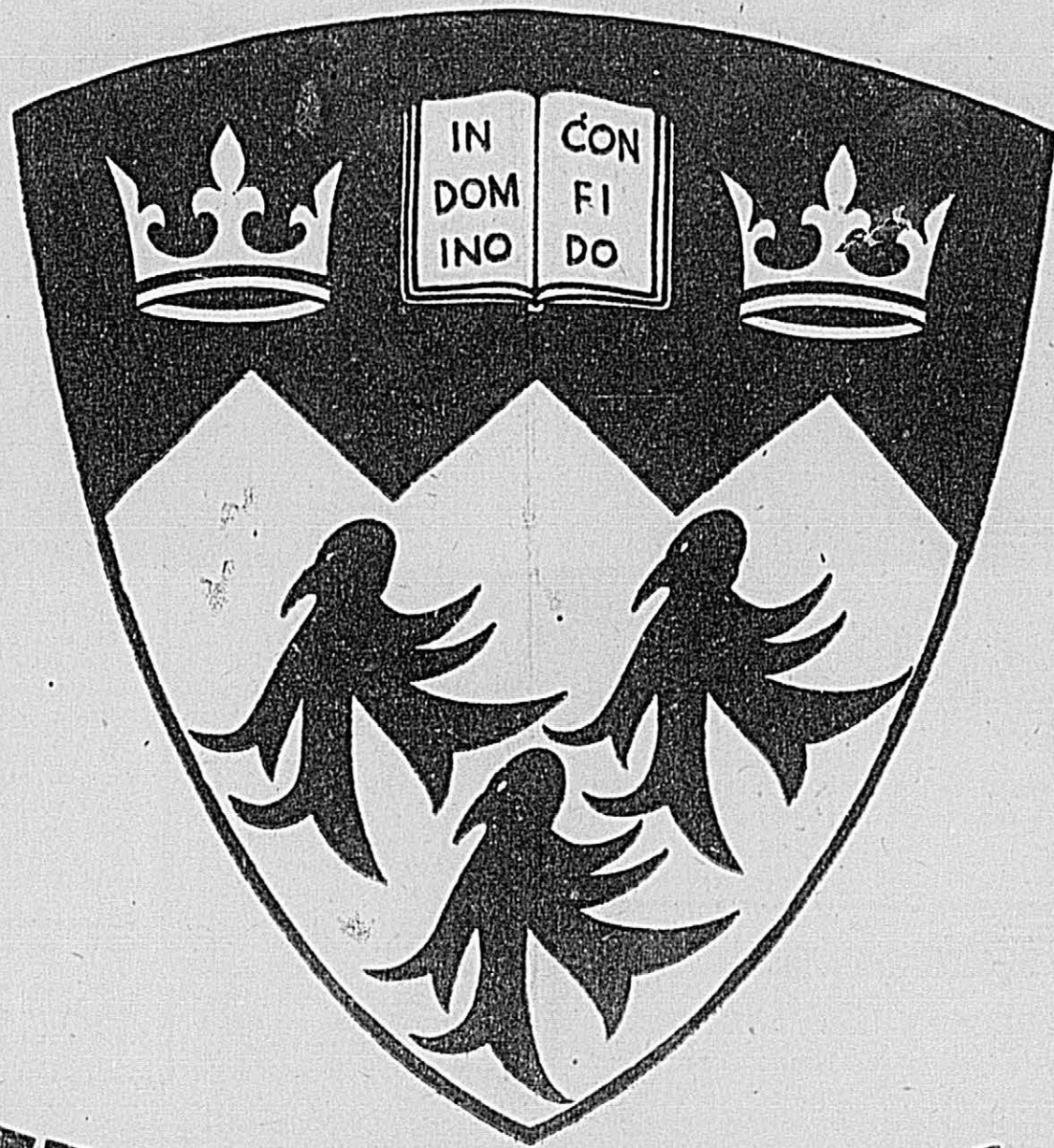


THE DAILY WELCOMES YOU



TO "MEET MCGILL '53"

**SPECIAL
ISSUE**

McGill Daily

**SPECIAL
ISSUE**

Vol. XLIII, No. 28

Montreal, Friday, November 6, 1953

PRICE TWO CENTS

TOURS, EVENTS SET FOR OPEN HOUSE

Arts Tours

Follow the Red Arrows TOUR NO. 1

Redpath Library —

New Library Extension: This is control center for all activities of "Meet McGill '53". Information on tours and special events is available here. Tickets for the latter may be obtained free of charge at the distribution desk. Campus direction signs are arranged to direct visitors from the new library to the various points of interest on the campus. Attractions to be seen by library visitors include:—

Tyndale Hall: The very impressive main hall, named after McGill's late chancellor, Chief Justice Tyndale.

History Display: The Department of History is (Continued on page 3)

Guides, Services Ready For Crowds

Guide Services

Several hundred McGill students have been enlisted to guide visitors about the campus on Open House weekend. They are distributed at all points on the campus, and may be recognised by their distinctive Open House insignia. Tours are not conducted; each visitor is encouraged to go first to the new extension of Redpath Library, where he will find complete information on "Meet McGill '53" available. From here he may follow any of the above tours at his own speed. An extensive system of direction signs has been set up to guide him, the arrows a different colour for each tour.

The visitor is reminded of several special events, listed at the right.

Nursery

A nursery has been established for your convenience in the Sir Arthur Currie Gymnasium, on Pine Avenue east of University.—

First Aid

Facilities and trained personnel are available to care for children. The service is available for a maximum time of two hours. the Physical Sciences Center and the New Library for use in case of emergency.

Biological Tour

Follow the Yellow Arrows

Botany (1st Floor) —

The dependence of man on plants other than agricultural shown: economic woods, algae, plant pigments, respiration and photosynthesis, molds, penicillin; microscopic studies and demonstrations, use and significance of botanical material; display of books in Botany Library.

Zoology (2nd Floor) —

Biology of Lakes: Some of the problems involved in the study of lakes and some of the equipment used. Characteristic animals on display.

Evolution of Hand and Foot: From the fins of fish to the extremities of man.

Development of Animals: Demonstration of the embryos and young of various animals, including the frog, armadillo and man.

Insect Pests: Exhibits of the life histories of some of the insect pests of stored products.

Mutation of Insects: Examples of mutation (inherited changes) in some insects.

Autotrophs: Automatic apparatus for rearing insects under electrically controlled climatic conditions shown in actual operation.

Animal Movement: Demonstration showing how animals get around, using live animals.

Zoology Museum: Materials and specimens used in teaching.

Histology: Microscopic structure of various body components. Demonstration of preparation of organs for microscopic study.

The Cycle of Life in the Sea.

Biochemistry (3rd Floor) —

Paper Partition Chromatography: The separation of steroid (Continued on page 4)

Medical Tour

Follow the Blue Arrows

Medical Building: First Floor —

Enter by Main South-East entrance. Multicoloured map of the world showing distribution of McGill medical graduates will be seen.



Rt. Hon. Vincent Massey To Open Event Friday

His Excellency The Governor General the Right Honourable Vincent Massey, Patron of "Meet McGill '53" will open the event in a special ceremony to be held in Moyses Hall on the afternoon of Friday, November 6.

At 3 p.m., one hour after the Roddick Gates have been thrown open to the public, His Excellency's limousine will be escorted up the main drive to the Arts Building steps where he will be met by Dr. James, the Principal, and Mr. B. C. Gardner, Chancellor of (Continued on page 4)

Second Floor: Histology Laboratory —

Histology: Instruction in the use of the microscope; Preparation of tissues for microscopic study — the microtome, use of stains, etc., demonstrated; demonstration of microscopic appearance of normal tissues of the human body (muscle, cartilage, bone, intestine, liver, kidney, lung, thyroid, brain).

Embryology: Models depicting progressive changes in human growth before birth.

Physiology: The normal and abnormal lung; its pathology peculiar to city dwellers; the growth of bones; the thyroid and means of cancer research connected with it demonstrated by means of radioactivity.

Medical Films —

Room B, Second Floor: Films showing cell division and other dynamic processes of human growth.

Room C, Third Floor: Two films concerning cancerous growth and the body's defenses against it.

Third Floor —

Medical Library: A display of items significant in the library's history. The library contains more than 74,000 bound volumes and probably the most complete collection of medical periodicals on the continent.

Osler Library: Sir William Osler's famous collection of books (Continued on page 3)

Physical Science And Engineering

Follow the Green Arrows

Engineering Building —

Lobby - Architectural Display: Drawings and models representative of work in the final year of the School of Architecture. Main exhibit will be the award-winning design for a tubercular sanatorium.

Electrical Engineering: General Laboratory. Models of the first electric motors — the Faraday Motor and the Barlow's Wheel.

Mechanical Engineering: Heating and Ventilation Laboratory. Rolls Royce engines — the Nene gas turbine and the Merlin aero engine.

Electrical Engineering: Communications Laboratory.

(Continued on page 4)

Big Round Of Special Events Greets Visitor

Tour of Paintings

A large representation of the let obtained at the reception desk paintings located in the various in the New Library. All paintings buildings is described in a pamphlet will be on view.

Students' Societies

Nineteen student groups and clubs will be represented by displays in the second floor lounge of the Student Union Building on the south side of Sherbrooke Street at Victoria.

Student Productions and Displays

NOTE: TICKETS FOR STUDENT PRODUCTIONS SHOULD BE OBTAINED FREE OF CHARGE FROM RECEPTION DESK IN NEW LIBRARY PRIOR TO TIME OF PRESENTATION.

Model Parliament

The university's political clubs Nov. 6 at 8.00 p.m. Canada's will stage a lively mock parliament in the ballroom of the Student Union Building on Friday. future cabinet ministers will harangue the opposition in a traditionally outspoken session.

Choral Society

Under the direction of Gifford Mitchell this popular group will perform choral works known and enjoyed by their many friends. Moyses Hall, Arts Building, Saturday, Nov. 7, 2.30 p.m. (Continued on page 3)

UNIVERSITY ON DISPLAY TO PUBLIC

Varied Sights At Open House

"Meet McGill '53" — for the first time in its history McGill University is throwing open its gates to the Montreal public. Open House, a vast project involving directly over 1500 staff members and students, has been in the making for two years. This weekend — Nov. 6 and 7 — the object of the huge undertaking will be realized.

A network of signs radiating from campus entrance points and from the New Library directs visitors to all points of interest. A telephone communication system has been set up by the armed forces.

Open House Revue Stars John Pratt

Red and White Revue, McGill's student musical comedy organization, is presenting a special "Meet McGill" Revue in Moyse Hall, Arts Building, Friday and Saturday evenings at 8.30. Tickets may be obtained free of charge at the reception center in Tyndale Hall of the New Library at any time prior to the show.

Producer Bernie Rothman has lined up over an hour of entertainment featuring now famous ex-Revue stars in popular numbers from past Revues and from their own shows.

Well-known Canadian comedian John "Navy Show" Pratt will do his "Doughnut Number" from "One For The Road", with Don Wolvin, another man who rose to the top through the Revue, performing "She Don't Do Nothing No Place Twice". Ian Fraser, past Revue star, will combine his talents with Don in "I Think That I Could Learn To Love McGill", music and lyrics by Roy Wolvin.

Red and White and Hillel group personnel will present other excerpts from their respective shows. Jack Clifford, formerly with John Pratt in the army show "Tin Hats", is to act as M.C. for the show.

Meet McGill Ball Saturday

Members of the Faculty, Graduates, students and the general public are all invited to the "Meet McGill Ball", final event of Open House.

"The dance will be cabaret style, which has proved highly successful in the past", said Yass Grivakes, chairman of the Ball. "All McGill students are especially invited to attend, and it should prove a very opportune time for grad and undergrad to meet and mix".

Tickets, which cost \$1.00 per person, are available at the reception desk in the New Library during the hours of Open House.

Two top-rated orchestras are slated to be on hand for the proceedings — the Westernaires, well-known to local dancers, will handle the main chore, while the Dixielanders will fill in the gaps. Music will be continuous.

Amidst all this organization, visitors will be shown all the sights McGill has to offer. Split into tours roughly covering the Arts, Biological, and Physical Sciences, the campus displays a wide variety of attractions: cyclotrons, super-heat furnaces, biological dissections, panoramas of history and philosophy, chemical separators, electron microscopes, architectural designs, model industrial plants — in a word, everything in all McGill's many fields of endeavour.

Also for this occasion, students have put their talents to work to provide a number of special entertainments, described in other parts of this issue — an Open House Ball, a Musical Revue, a Model Parliament, concerts, and many others.

Bio-Med Tours Feature Living Tissues at Work

by Irwin Margolose

Dissections of animals by Zoology students is a feature of the Biological tour. These dissections (dogfish shark, lamprey, and frog) will be done voluntarily by students in the Zoology Lab on the 2nd floor of the Biology building on Friday and Saturday.

Also of main interest will be the Autotrophon or "Insect's nursemaid", which will be in continuous operation during both days of Open House.

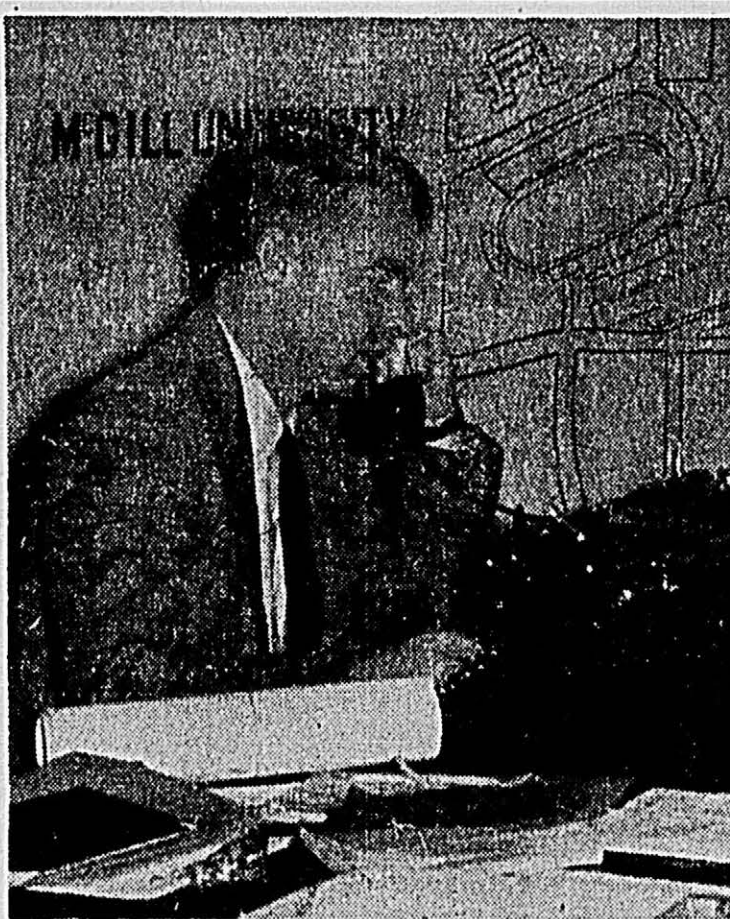
CARNIVOROUS PLANTS
Among the other prominent features in the Biology tour will be such displays as queer plants, including Carnivorous plants and Succulents, in the Botany Department on the first floor of the Biology Building.

Such displays as the extraction of sex hormones from urine, the synthesis of radioactive molecules, and the freeze drying of blood plasma, will be featured at the Biochemistry department on the 3rd floor of the Biology building. On the 4th floor the Physiology department will exhibit the famed Electroencephalogram, reproducing the complicated electrical patterns of the brain by electronic recording devices. Localization of Acetylcholinesterase (excuse the expression), the attempt to find out which cells and fibers of the brain and spinal cord contain the vital enzyme of (Continued on page 3)

Soccer Squad On Road For Crucial Games

The stage is set and we hope the McGill players are ready for their two most important games of the 1953 senior soccer season to be played this afternoon and tomorrow in Kingston and Toronto. The Redmen travel to RMC to take on the soldiers this afternoon and they meet the Toronto Blues on Saturday.

Although the Redmen have tied once with Toronto and were beaten by RMC by winning these two games they will become champions of the circuit. If this happens, they will be tied for first place with Toronto, who have already trounced the Soldiers, and since the Redmen will have put down the Blues and the Varsity team will not have taken the boys in Red and White, McGill will be entitled to the championship. (Continued on page 4)



JOHN STUBBS, CHAIRMAN OF OPEN HOUSE COMMITTEE, shown hard at work in the Union basement office, organizational center of "Meet McGill '53".

Editorial A Nursery Of Ideas

Is a university an integral part of a community? On the surface it has not always seemed so. Street fights between "town and gown" used to be a common feature of any university city. There are no longer street fights, but there is still a feeling that the university is a place apart.

We do not agree. A university is a nursery of ideas, a place where mankind learns more about itself and the world around it and then uses this knowledge and training to make living more satisfying. The community of today was made possible by the universities of the past. The universities of today are preparing the community of tomorrow.

Since the relation between the community and the university is not always one of simple cause and effect, but a much more subtle one, it is difficult for the community to visualize this relation. It is with this in mind that McGill University has opened its doors to Montreal.

Here, with the help of the organization of "Meet McGill '53", the public will be able to see the products of a university acting upon its daily life. In a sense it will be able to have a glimpse into the future.

E.R.

Departmental Displays Shown In Arts Tours

by Hershie Frankel

One of the outstanding attractions of the Arts Tours in "Meet McGill '53" is the New Redpath Library. All tours commence at this building, which has replaced the venerable old original gift of Peter Redpath. Visitors will see the great step McGill has taken in building this new center of learning. Tours of the building are featured.

The Fine Arts exhibit in the library building will show the work done in this field by both students and professors. In the undergraduate reading room of the old library there is a scale model of a functioning steel mill, used to illustrate McGill's contribution to industry.

POLITICAL SCIENCE
Political Science's exhibit in the Arts Building will show charts and diagrams illustrating the structure of the United Nations. The Geography Laboratory contains a display of photographic mosaics and maps of the northern part of America.

(Continued on page 4)

Football Indians Fight Against Carleton College

This Saturday will see the Indians wrap up their '53 home schedule against the Carleton Ravens at the Molson oval. This will be a most crucial game as far as the Indians are concerned.

Coach Joe Anderson has said that he will field the same team that played last week, with a few minor changes. Fred Mutch, who received a leg injury at Kingston, will probably not be in action, but Bob Reid, the big lineman, will be back and ready to go. The team will use a new lineman. On Saturday, he goes by the name of Joe De Simoni. The boy hails from D'Arcy McGee, and has been red-hot in practice. Alex Kowaluk is ready to go and is just waiting for the word from Joe.

If the Indians can come out on top they have a good chance to take it all. One major obstacle is in the way though: Loyola will have to lose to Queens this Saturday.

FRIDAY FILLERS: — Fred Mutch and Bob Perry both hail from Sudbury. . . Both played for the same championship team last year. . . The team has only two ends for the coming game. . . nothing has been said about moving somebody else to end. . . Ross Southward will again handle the quarterback duties. . . Anderson has indicated that Mitch Klein will also be calling signals. . . Dave Mather has been playing good ball. . . Other games this Saturday show Loyola at Queens and Ottawa at RMC.

Mary Altman

Sprawling Organization Behind Major Project

by Ruth Roskies

I entered the Open House official sanctuary in the basement of the Union yesterday, and had not been there for over a minute when someone pushed a broom into my hands with the words "Sweep up, will you?" Thinking about it afterwards, I realized that would there would indeed be a lot of sweeping up to do after the gigantic project of "Meet McGill '53" was over. More than two years of work on the part of over 1000 faculty members and students has gone into this event, to make what was a vision into a reality.

IDEA'S FOUNDER
The idea of Open House was originally that of Dennis Smith, at that time Chairman of the McGill Committee of the National Federation of Canadian University students. He proposed it as a project of that organization, but Dr. James, who was approached with the plan, preferred to have it be an overall undertaking of the staff and students of the University. The date set was autumn, 1952.

When the suggested time for Open House came near, it was seen how much necessary work had as yet not been completed. It was therefore put forth that the entire project be postponed to the following year.

ENLARGED COMMITTEE
From the original committee only very few remain. The others have since been added to bring the full strength of the executive to 32, with John Stubbs as chairman and Harvey Sigman as Assistant Chairman.

Engineers And Scientists Display Wares

by Alex Kowaluk

Professors of Engineering and Physical Sciences have lined up a fascinating array of demonstrations, displays and experiments for the curious visitor to Open House. Friday afternoon visitors will be able to see the students in action — many Engineering labs will be in operation at this time.

On entering the Engineering Building visitors will be greeted by Professor Bland's Architectural display. The main exhibit shows a design for a tubular sanatorium. This was considered the best student-designed project of 1952, 1952.

JET ENGINE
Professor Bruce has on display two famous Rolls Royce engines — the Merlin Aero Engine, which powered many great battle planes of the last war, and the Nene Gas Turbine, a jet engine revolutionizing air travel today.

Three-dimensional sound will be a highlight in the Communications Lab. This has to be seen — or rather heard — to be appreciated. UHF (Ultra High Frequency) and Radar apparatus will be seen. There will also be a periodic demonstration of man-made lightning (minus the thunder).

STRENGTH TESTER
Civil Engineering will show off their 400,000 pound Universal Testing Machine, a massive device effectively determining the quality of the steel going into our modern structures.

In the Physics Building Dr. Marshall and his Stormy Weather Research Group will show movies of rainfall as a Radar Screen sees it. This may be your chance to have that long-awaited talk with the weatherman.

WORKING MINIATURE
In the Physical Sciences Center one of the most interesting displays on the campus will be found in the apparatus in which gases generated by chemical reactions are separated. Here one will be able to see a 20 acre industrial (Continued on page 3)

The preparation required much manual as well as mental labour. Over 600 signs were made, and 120 arrows to facilitate direction finding. A map was drawn up, showing the exact location of each of these signs, and also of the centres of communication.

TELEPHONE SYSTEM
Even the army was called in to help. Army personnel layed the

BLOOD
333 Pints Donated Yesterday
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260 more pints will beat the all-time college record set this year by the University of British Columbia - 1601.

Two tickets to the Meet McGill Ball Saturday night are offered to donors 1500 and 1600, with a special mystery prize to be given at the dance to the 1600th.

Clinic hours: 9:30-11:30 a.m. and 1-5 p.m. in P.S.C.

Few appointments have been made for today and everyone is urged to show up.



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Bio-Med Tours...

(Continued from page 2)

that name, will be another attraction of this department.

HEART DISEASE

Pharmacology, on the 5th floor, will have such displays as coronary studies and treatment of heart disease, the latter concerning researches on various aspects of the manner in which different medicines influence the activity of the heart.

The displays of the Genetics department will be divided into three categories, plant, animal and human genetics. Of special interest will be a display on how one may identify various flies of economic importance, simply by looking at their chromosomes.

MEDICAL SCIENCES

The Medical Sciences tour begins with a visit to the Histology lab where such displays as the preparation of tissues for microscopic study will be seen. Other attractions will be the Oster Library, models on Human Anatomy, and a Royal Canadian Army

Mobile Surgical Unit.

The first floor of the Donner building will feature dental exhibits — the new air abrasive machine or "painless drill" and tests for the microscopic organisms causing dental decay. The Psychology department on the third floor of this building features various demonstrations in experimental psychology, using "bright" and "dull" rats and dogs of varied upbringing. Also to be seen is a display on drug addiction.

Sprawling...

(Continued from page 2)

the tours, displays and demonstrations which the faculty and students have worked so hard to prepare. We have a great deal of interesting material for our visitors to see, and my only hope is that the success of this initial venture will establish 'Open House' as an event to be repeated every two or three years."

Model Parliament Dramatics, Musical Presentations, Dance Among Open House Features

One of the main features to be presented for the enjoyment of visitors to Open House is a student Model Parliament. McGill's political clubs each, during the year, present a "Bill" of such a nature as to precipitate loud and outspoken discussion. The first such event of the year is scheduled for Friday evening at 8.00 in the Ballroom of the Students' Union on Sherbrooke St. The Liberal Club is presenting the bill, which favours the annexation of the United States as Canada's eleventh province. Model Parliament officials assure a lively discussion. Visitors are permitted to vote on the bill.

Several Professors of English, including Louis Dudek, Constance Beresford-Howe and Hugh MacLennan, author of "Two Solitudes", will be available in the Blackader Room of the New Library on Saturday at 3 p.m. for

an informal panel on Canadian Literature.

The Players' Club, on Saturday at 3 p.m. in the Union Ballroom, will stage a dress rehearsal of their arena wing show "Legend of Lovers". The public is invited.

Two musical presentations are featured for Saturday — the Choral Society under the direction of Gifford Mitchell at 2.30 p.m. and the string orchestra of the Conservatory of Music under Alexander Bratt at 4 p.m. Both events will take place in Moyse Hall of the Arts Building.

The "Meet McGill Ball" will close the events of Open House; it is set to get under way at 9 p.m. in the Sir Arthur Currie Gymnasium on Pine Avenue. The dance will be cabaret style and the charge is \$1.00 per person. Tickets may be obtained at the desk in the New Library. Music supplied by the Westernaires and the Dixielanders.

Engineers...

(Continued from page 2)

plant in a complete working miniature.

The Department of Mining and Metallurgy will demonstrate their Ajax Induction Furnace, used for rapid melting and heat treatment of metals. It has been estimated that from a cold start five cubic inches of Aluminum could be melted in ten minutes — and in only half a minute if there is already some molten metal in the furnace.

SUPERHEAT FURNACE
Another high-temperature furnace is the "hydrogen atmosphere molybdenum - wound resistance furnace (are you still with us?) for temperatures up to 1800 degrees C, sufficient to melt almost any metal.

Pulp and Paper Research Institute's fascinating complete working models of a paper machine and a chemical pulping plant will be in operation.

CYCLOTRON
Most talked-about scientific instrument at McGill is the huge cyclotron, found in the Radiation Laboratory just north of the Bio-

logy Building. This famous symbol of the Atomic Era is not generally open to the public, but visitors will be allowed behind the radiation-proof cadmium guard doors during Open House. Next door to the Radiation Laboratory, in the Eaton Electronics Research Laboratory, the Electron Microscope will be seen. Demonstrators will be in attendance to illustrate and explain the intricate workings of this remarkable device easily capable of 80,000 times magnification.

India Group

The Bhadrath (India) Group in Montreal will be celebrating 'Diwali' (The Festival of Lights) on Sunday Nov. 8 at 5.30 p.m. in the Westmount YMCA building. A special dance performance by a noted temple dancer of India has been arranged. Members of the group are requested to bring guests with them, with prior intimation to the secretary (B.E. 9070) or G. V. R. Murty, Purvis Hall.

Big Round...

(Continued from page 1)

Conservatory of Music

Senior students in the Faculty of Music will present a program of distinguished instrumental and choral music, Moyse Hall, Arts Building, Saturday, Nov. 7, 4.00 p.m.

Red and White Revue

A lively program of excerpts from past Red and White Revues (McGill student-produced musical comedy entertainment) will be shown to the public in Moyse Hall on Friday and Saturday at 8.30 p.m. The show will star comedians John Pratt and Don Wolvin.

Players' Club

A dress rehearsal of this year's Arena Production, Jean Anouilh's "Legend of Lovers", will be staged before the public in the ballroom of the Student Union on Saturday, Nov. 7 at 3.00 p.m.

Film Society

A feature film and two short films concerning the university will be shown under the direction of the Film Society in the Auditorium of the Physical Sciences Center on Friday, Nov. 6, at 5.00 and 8.00 p.m.

University Residences

Douglas Hall will be the only

residence open to the public during the time of Open House.

Armed Services

Military displays of men and equipment are to be found on the lower campus in front of the New Library. These displays have been organized by personnel of the University contingents.

School of Physical Education

A performance prepared by the School of Physical Education will be held in the Sir Arthur Currie Gymnasium on Friday at 4.30 p.m. and on Saturday at 11.30 a.m.

Panel On Canadian Literature

The English Department will present a brief but informative panel on the subject of Canadian Literature followed by a period of general discussion which is to include the audience present. Blackader Room, New Library, Saturday, Nov. 7, 4.00 p.m.

"Meet McGill" Ball

This dance will climax the Open House weekend. It will be held in the Sir Arthur Currie Gymnasium at the close of all tours on Saturday evening, at 9.00 p.m. Tickets are sold at the reception desk in the main hall of the New Library for \$1.00 per person.

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Arts Tour...

(Continued from page 1)

showing the historical origins of the Canada of Today with charts and diagrams. Coupled with this is an exhibition of sources and materials used in historical research and teaching.

World Maps: Two large illuminated maps, one showing the distribution of McGill graduates throughout the world, the other showing the diverse geographical origin of the present student body.

McGill's Founders: Displays on the history of six famous men in McGill's history — Sir William Dawson, William Molson, Sir William Macdonald, The Hon. Peter Redpath, Sir William Osler and Lord Rutherford.

Library Tour: A detailed tour of the library, starting at the north end of the corridor bordering the terrace, at the visitor's point of exit from the library. This tour covers the undergraduate reading rooms, displays in the Blackader-Wood Library of Ornithology and Zoology, the stacks, seminar rooms, graduate study areas, and two special displays:—

Fine Arts: Work done by students and professors will illustrate the role of Fine Arts in educating the person. Slides of some of the masterpieces studied by students will be shown.

McGill's Contribution to Industry: This display revolves about a scale model of a functioning steel mill. Various university departments will show how their research and teaching contributes to personnel training and improvement of production methods and efficiency.

Redpath Museum

Teaching collections of Ethnology, Geology, Paleontology, Mineralogy, and Zoology; the relation of the museum to the rest of the university and the public in general illustrated; a collection of world wide materials.

Arts Building

First Floor: Senate Chamber and portraits of past McGill personalities. On second floor:—

Classics and Ancient History: Influence of Greek and Roman language on the history of the western world. Maps, charts, books, coins, and old manuscripts.

Philosophy: Chart with the five basic philosophical questions and answers given by philosophers studied at McGill; documents illustrating the work of the department, old theses, early editions

and suggested readings for independent study.

Sociology: Relief map and photographs of Montreal showing the ethnic groups and divisions within the city.

Anthropology: Physical and cultural development of man. **German:** Old manuscripts, books, and photographs; maps illustrating population areas of German-speaking peoples, cultural films.

Political Science: The development of political thought and institutions traced from the time of the Greeks; the structure of the United Nations; books studied in the courses.

Geography: Results of exploration and field work in the Arctic, photographic mosaics, maps of northern Canada, cartographic equipment.

Economics and Commerce (2nd floor and basement): The characteristics of the Canadian economy, the work being done by the School of Commerce to provide necessary training, continuous need for expansion; gross national income, international balance of payments, Canadian banking system and labour organization.

English (mezzanine): Illuminated work given by the department; dated charts illustrating course books and papers published by members of the department; posters, photographs and costumes of Department dramatic productions; tape recordings by staff members from Anglo-Saxon and Middle English texts and from their own works.

Romance Languages: Films in French, Italian and Spanish will be shown throughout the period of Open House.

Social Work (ground floor): The work of the School of Social Work illustrated in charts and films; pictures of students at work in the city.

TOUR NO. 2

Chancellor Day Hall — Faculty of Law (Peel Street): Facilities shown and explained to all visitors. Display of Institute of International Air Law; Faculty Library; methods of teaching law; mementos of many leading Canadian legal figures.

Purvis Hall — Industrial Relations Center (Pine at MacTavish): Books and publications, past and coming events, labour contracts.

TOUR NO. 3

Divinity Hall — Chapel and library, museum

Medical Tours...

(Continued from page 1)

and references on the History of Medicine and Science, with many ancient medical and scientific texts.

Medical Museum: **Anthropology:** An exhibition of the evolution of man from the primitive primates through monkeys and anthropoid apes to man.

Anatomy: Models on human gross anatomy: heart, brain, etc. **Medical Students' Exhibit:** The Medical Undergraduates' Society will outline the course of a student's medical education.

First Floor Assembly Hall

An exhibit of a fully equipped operating room contributed by the Royal Canadian Army Medical Corps; a display of products of Occupational Therapy and a demonstration of Physiotherapy presented by the Physical and Occupational Therapy Undergraduate Society; an exhibit by the School of Graduate Nurses to show the extensive community health activities of the Graduate

Nurse.

Donner Building

First Floor - Faculty of Dentistry: Displays of current advances in dentistry such as the air abrasive machine and tests for the microscopic organisms causing dental decay. Exhibit by students of the faculty.

Third Floor - Department of Psychology: Demonstrations and displays in the field of experimental psychology — experiments in learning and intelligence; genetic experiments with 'bright' and 'dull' rats; effects of restriction in the early life of a dog; study of 'activity'; study of drug addiction, especially addiction to morphine.

NOTICE OF MEETING

A petition for a general meeting of the Students' Society to consider the following amendment to the Students' Society Constitution has been received. The Motion reads "Resolved that Article VI Section 1 Sub section (f) of the Students' Society Constitution should be amended to read "One representative from the Undergraduate Students in the Faculty of Arts and Science."

Under the Constitution such a meeting can be called after two weeks notice. A Meeting to consider this amendment is hereby called for Friday, November 20.

Jim Robb
President, Students' Society

display of Biblical antiquities (including valuable collection of ancient glass and pottery), ancient manuscripts, portraits connected with British Church History, Religious Club displays. Divinity Hall is on University, just above Milton.

Arctic Institute

In Bishop Mountain House, University and Milton. Photographs and coloured slides from expeditions to Baffin Island; old and modern Eskimo tools and equipment; library on Arctic subjects and library of maps.

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Biological Tour...

(Continued from page 1)

hormones on filter paper.

Extraction of Sex Hormones from Urine: Isolation by continuous extraction with chloroform shown.

Synthesis of Radioactive Molecules: Demonstration of preparation of radioactive hormones for research use.

Radioactive Egg: Detection of radioactivity in a hen's egg demonstrated.

Blood Circulation in Minute Vessels: The flow of red blood corpuscles through small capillaries in the web of a frog's foot shown.

Spectroscopic Identification of Hemoglobin: Identification of blood pigment by examination of spectrum of light passed through dilute solution of blood.

Determination of Common Blood Groups: Differentiation between A, B, AB and O blood groups.

Clotting of the Blood: Blood coagulation and its prevention by anti-coagulants.

Sample of Blood: The tendency of red cells to settle out in a resting solution.

Freeze-Drying of Blood Plasma: The amazing technique by which blood plasma may be kept indefinitely.

Melanophore Reaction in Frog: A hormone injection causing colour change in a frog's skin.

Muscle-Paralysing Drugs: Temporary paralysis of skeletal muscles by injected drugs.

Infra-Red Spectroscopy: Demonstration showing how the behaviour of chemically reactive groups may be observed in the infra-red region of the spectrum.

Physiology (4th Floor) —

Nerve-Muscle Preparation: Detection with electronic equipment of electrical changes produced in stimulated nerves and muscles.

Electrocardiogram: Electrical changes involved in the contraction of heart muscle.

Electroencephalogram: Complicated electrical patterns of the brain made visible by attaching electronic recording devices to electrodes on the scalp.

Localization of Acetylcholinesterase: Attempts to find out which cells and fibers of the brain and spinal cord contain this enzyme.

Action of Drugs on Isolated Intestine: Measurement of effect of certain drugs such as histamine.

Application of Electronics to Physiological Research: The importance of sensitive, accurate electronic equipment illustrated.

Pharmacology (5th Floor) —

Coronary Studies: Studies concerned with actions of medicines on the coronary circulation.

Treatment of Heart Disease: Researches on various aspects of the manner in which different medicines influence the activity of the heart.

Genetics (Basement) —

Major applications of Genetics — the study of heredity — in (a) agriculture: development of better varieties of plants and animals; and in (b) medicine: study of the inheritance of normal characteristics as well as those concerned with diseases such as heart disease, cancer, and diabetes.

Biological Films —

These films, each one half-hour long, will be shown as follows on the second floor of the Biology Building:

- FRIDAY, NOV. 6
4.00—Nature's Half Acre.
5.00—Carnivorous Plants; The Deadly Female.
6.00—Coelenterates and Echinoderms; Fingers and Thumbs.
7.00—Carnivorous Plants; The Deadly Female.
8.00—Nature's Half Acre.
SATURDAY, NOV. 7
11.00—Nature's Half Acre.
2.00—Carnivorous Plants; The Deadly Female.
3.00—Coelenterates and Echinoderms; Fingers and Thumbs.
4.00—Nature's Half Acre.

Louis Burko Appointed Hillel Choir Director

Mr. Louis Burko, J.R.S.M., was appointed conductor of the Hillel Choir by Rabbi Samuel Cass, Hillel Director. The first choir session will be held tonight at 8 p.m. in Hillel house on Stanley St. Members will be given an opportunity to meet Mr. Burko, and those wishing to join the choir may register. The choir is a mixed group and everyone interested is invited to join. It will devote itself to a repertoire of Hebrew, liturgical and folk music.

Mr. Burko is a silver medalist of the Toronto Conservatory of Music and a graduate of the Royal Schools of Music. He took post graduate studies in the piano master class of Michel Hirvy and studied conducting with Roland Leduc of the CBC symphony orchestra. He has had long experience in the field of choir conducting and has been associated with several outstanding choirs in Montreal whose performances included the rendition of cantatas, oratorios, folk, and liturgical music, as well as the Canadian premiere of a ballet.

Physical Science...

(Continued from page 1)

transistors — some of the characteristics and advantages will be demonstrated; three-dimensional sound—the equipment will create the illusion that the source of the sound is moving across the room; inside a radio receiver; inside a television receiver; electronic measuring equipment and methods; ultra-high frequency and radar apparatus. Demonstration of man-made lightning in A.C. laboratory.

Mechanical Engineering: Internal Combustion Laboratory. Demonstration of Diesel engine; Ruston Hornsby Diesel engine; Buick engine.

Civil Engineering: 400,000 lbs. Universal Testing Machine. Also:

Hydraulics Laboratory: Fundamentals of hydraulic turbine design demonstrated by a jet of water; discharge through 90 degree V notch weir; model Pelton Wheel illustrating action of jet of water on turbine blades; rectangular notch weir.

Material Testing Laboratory: 175,000 lbs. Tate Emery Testing Machine for compression and bending tests; small and large Wicket Machines for tension testing; Anster Universal Impact Testing Machine; demonstration of strain gauges and tensometers; display of surveying instruments.

Engineering Films: Shown in Room 33, just past the library on the way to the Electrical Building.

Physical Sciences Center —

Chemical Engineering Laboratory: Experiment displays as follows: (1) Heat transfer to condensing vapors. (2) Double pipe heat exchanger. (3) Vertical and horizontal condensers. (4) Steam turbine and centrifugal pump. (5) Liquid extraction. (6) Fluidization. (7) Triple-effect evaporator. (8) Spray dryer. (9) Rectification column. (10) Absorption tower. (11) Air heater. (12) Dryer. (13) Instrument control. (14) Forced circulation evaporator. (15) Heat pump. (16) Vacuum Evaporator.

Metallurgy Laboratory: High temperature, ash fusion, and carbon combustion furnaces; treatment of chromate concentrates; heat treatment of aluminum alloys. In Room 102, 112 and 105, demonstrations of hardness testing, corrosion testing, refractory displays, and metallographic equipment.

Metallurgical Furnace Room: Vapocarb Furnace, Hump Furnace, Ajax Induction Furnace and Laboratory Smelting Furnace with all be in operation.

Physics Building —

Lecture Theater, Room 102: Demonstrations of interesting physical phenomena studied by undergraduates.

Room 207: Stormy Weather Research Group. Movies of pre-

cession as seen on a radar screen. Elementary Laboratory, Room 812: Typical experiments showing the method of teaching elementary physics.

Chemistry Building —

Organic Research Laboratories. Research Laboratory of the Physical Chemistry Group of the Pulp and Paper Institute.

Radiochemistry Laboratory.

Physical Chemistry Laboratory: Exhibits and demonstrations of the equipment and techniques of a modern laboratory designed for teaching physical chemistry.

Elementary Chemistry Laboratory: Typical experiments will be set up to illustrate the method of teaching elementary chemistry.

Pulp and Paper Research Institute —

This well-known and important Institute will have a small scale paper machine and a model chemical pulping plant operating in the basement.

Cyclotron and Radiation Laboratory —

Tours will be conducted through the building at regular intervals. A number of interesting experiments and sets of equipment will be on display in addition to the famous cyclotron itself.

Eaton Electronics Research Laboratory —

The tour will start from the main floor of the Radiation Laboratory and proceed to the Eaton Laboratory by a connecting passageway. Demonstrators will illustrate and explain the workings of the fascinating electron microscope. A number of apparatus will be in operation in the general laboratory. Displays will be set up in rooms devoted to Ultra High Frequency Amplifiers and Physical Electronics, and in the Glass Shop.

EUROPE 1954

STUDENT TOUR Sell June 12 tourist class on S. S. Atlantic 66 days \$1098 from Quebec on special conducted tour limited to Students. A week in London. Holland including Volendam and Isle of Marken. Brussels, Cologne, the Rhine by steamer. Motor tour of the Black Forest, Liechtenstein, Austrian Tyrol, Bavarian Castles, Dolomites, Venice, Adriatic Coast, tiny Republic of San Marino, Rome, the Hill Towns, Florence, Rome, Italian and French Riviera, French Alps, Switzerland, Paris, Motor tour of Scotland, English Lakes, North Wales, Shakespeare Country, Emsay, Glorious Devon. Returning tourist class on the S. S. Atlantic arriving Quebec August 16.

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Departmental...

(Continued from page 2)

The English Department will outline its course of study, and visitors will hear tape recordings of readings by members of the staff from their own works and from Anglo-Saxon and Middle English texts.

FACULTY OF LAW

In the home of the Law Faculty, Chancellor Day Hall on Peel Street, facilities available for training the modern lawyer will be illustrated and described.

Visitors to Divinity Hall will see the only Institute of Islamic Studies in North America. This Institute gives special emphasis to Islam as a religion and to the present day developments in the Muslim world. The Institute is engaged in its first major research project — "Islam in the Modern World."

ARCTIC INSTITUTE

The Arctic Institute, which has sent two large expeditions to Baffin Island in the last three years, will display old and new Eskimo tools and equipment and illustrate the results of its expeditions.

Soccer...

(Continued from page 2)

Last year the McGills ended in a tie with the Blues in the deciding game for the title and the two teams were declared co-champions. This year in their only meeting, the red soccerman and the Torontonians fought to a 1-1 draw. This gave no indication as to who is more powerful this year so anyone's guess is good.

The Redmen shouldn't have too much trouble taking the military boys from Kingston, even though the latter beat Cleary's boys in their first meeting. The main problem, then, is to defeat the Blues and McGill will hope that they can show the fight that produces goals, the fight they have been lacking in some of their games this year.

Harvey Moss

REVUE NOTICE

The "Meet McGill" Revue will start at 8:30 p.m. Friday and Saturday evenings in Moyse Hall of the Arts Building, and not at 8:00 as advertised in the Open House booklet.

Rt. Hon. Vincent Massey...

(Continued from page 1)

McGill University. After inspecting a tri-service honour guard (the Redman Band will play the Royal Salute) made up of members of the University contingents he will enter Moyse Hall, where the ceremony will commence at 3:20 p.m.

Dr. James will deliver the first address. Following this His Excellency will address the visitors

and officially declare the opening of the event. The ceremony will be terminated by an address from Jim Robb, President of the Students' Society.

The Governor General and his party will then be escorted on a brief tour of Open House.

The Redman Band will play a concert on the lower campus from 4 to 5 p.m.

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JAN. 2, 3, 9, 10, 16, 17, 23, 24, 30, 31

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MAR. 6, 7, 13, 14, 20, 21, 27, 28

Enquiries for Further Engagements Are Welcome

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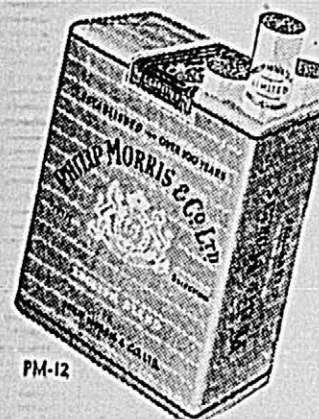
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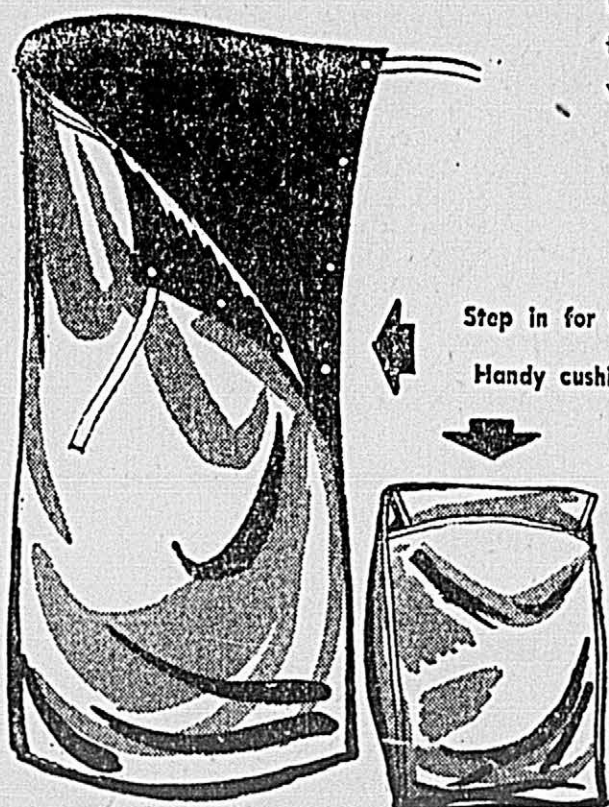
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